

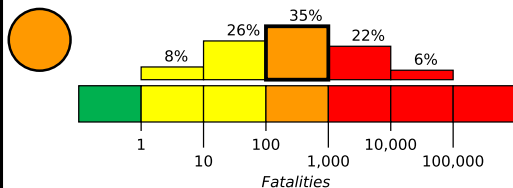
## M 7.3, 30km SW of Halabjah, Iraq

Origin Time: 2017-11-12 18:18:18 UTC (Sun 21:18:18 local)

Location: 34.9568° N 45.7923° E Depth: 25.0 km

Created: 1 hour, 36 minutes after earthquake

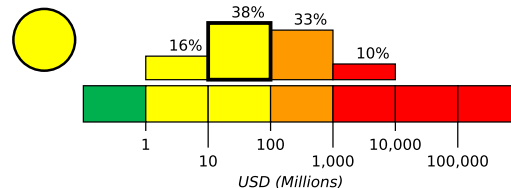
### Estimated Fatalities



Orange alert for shaking-related fatalities. Significant casualties are likely and the disaster is potentially widespread. Past events with this alert level have required a regional or national level response.

Yellow alert for economic losses. Some damage is possible. Estimated economic losses are less than 1% of GDP of Iraq.

### Estimated Economic Losses

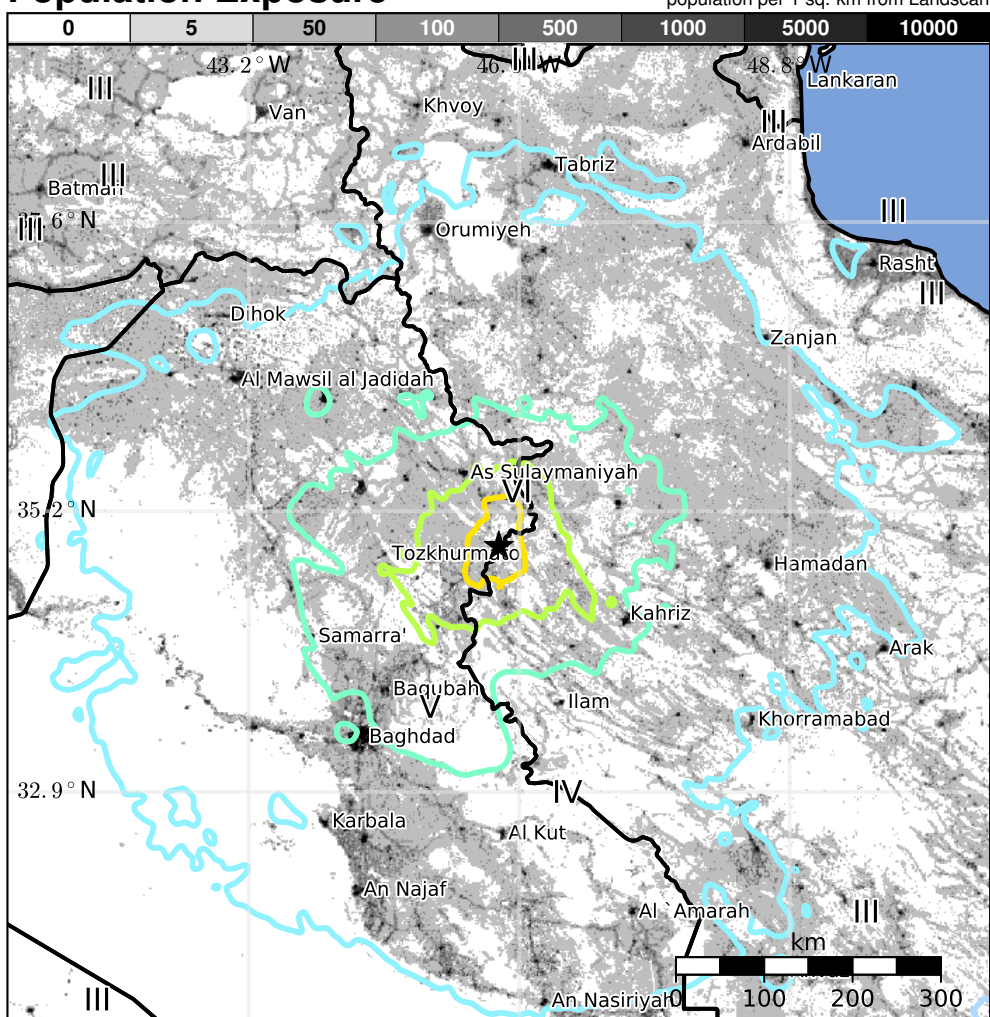


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	17,931k*	37,507k	10,838k	1,802k	326k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are adobe block and low-rise nonductile concrete frame with in-fill construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1962-09-01	371	6.9	IX(4k)	12k
2002-06-22	301	6.5	VII(5k)	227
1990-06-20	383	7.4	IX(83k)	45k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

### Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Halabjah al Jadidah	<1k
VII	Derbendixan	<1k
VII	Seyid Sadiq	<1k
VII	Halabjah	57k
VII	Tazehabad	<1k
VI	Kelar	<1k
V	Erbil	933k
IV	Baghdad	7,216k
IV	Tabriz	1,425k
IV	Ahvaz	841k
IV	Mosul	1,740k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us2000bmcmg#pager>

bold cities appear on map.

(k = x1000)

Event ID: us2000bmcmg